

#4

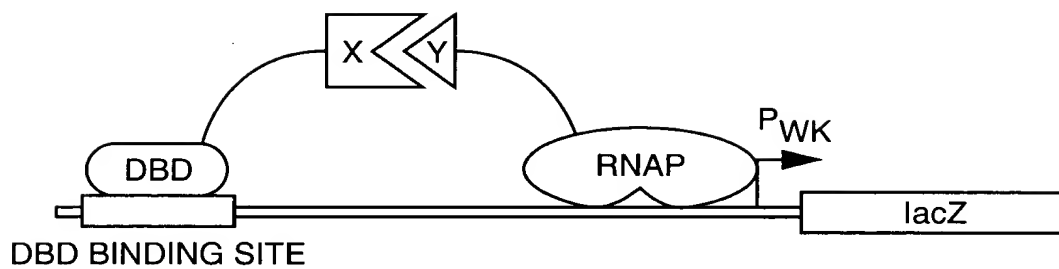


FIG. 1A

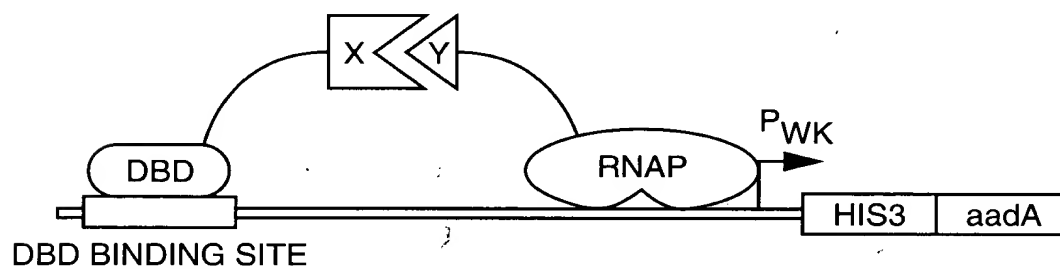


FIG. 1B

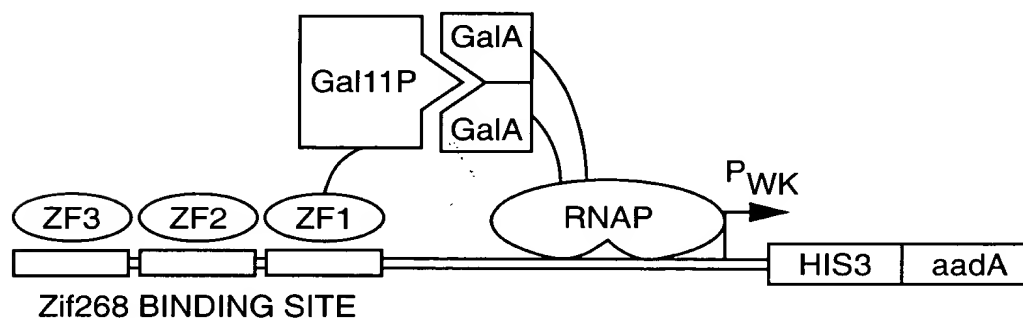


FIG. 1C

204020-29/05660

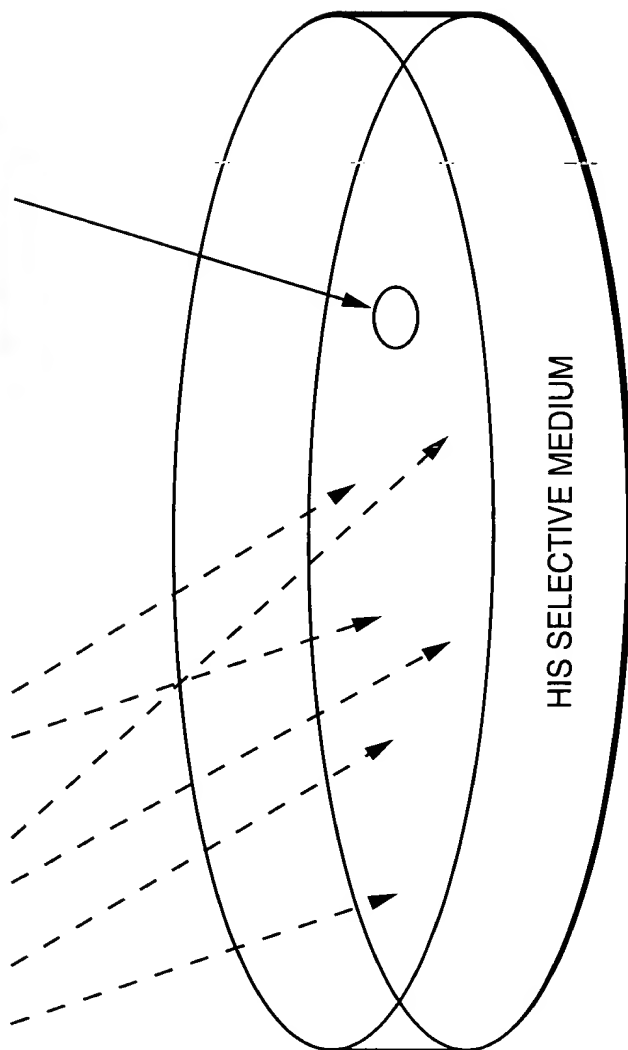
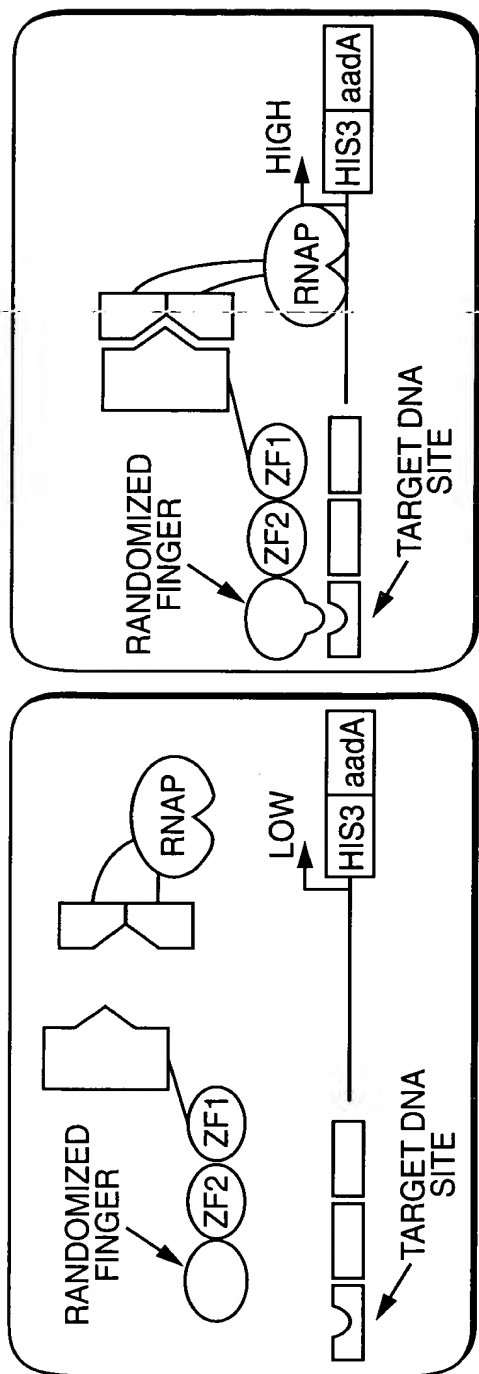
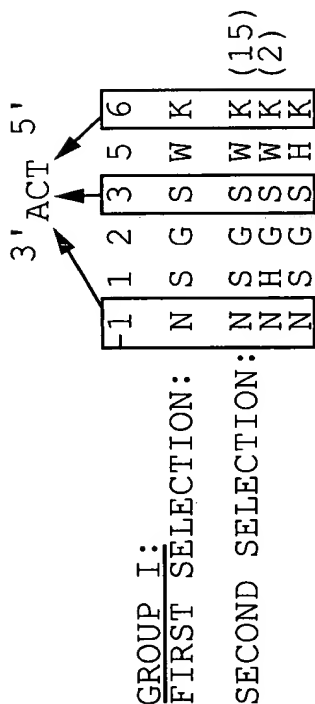


FIG. 2

2044020" 22400000



PHAGE DISPLAY
CONSENSUS:

FIG. 3C

FROM THE TATA SELECTION:	-1	1	2	3	5	6
	R	R	W	L	K	L
	R	K	W	L	K	L
FROM THE p53 SELECTION:	R	K	W	L	R	L
	R	K	W	L	R	L
	R	K	W	L	R	L
FROM THE NRE SELECTION:	R	K	W	L	R	L
	R	K	W	L	R	L
	R	K	W	L	R	L

FIG. 3D

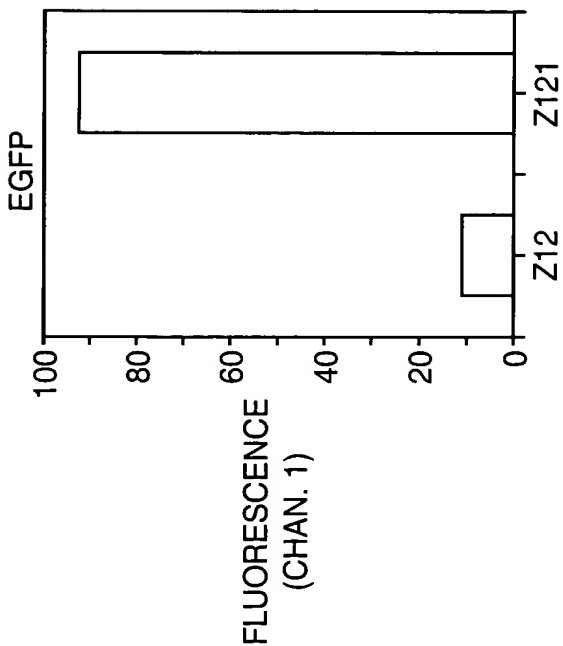


FIG. 4A

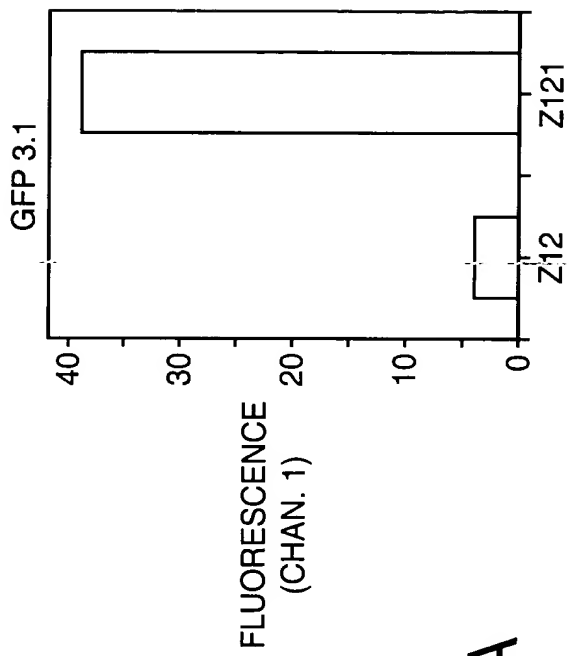


FIG. 4B

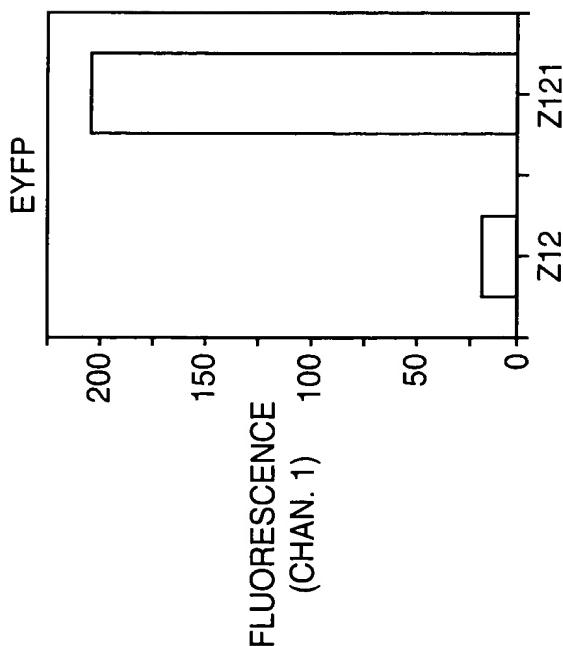


FIG. 4C

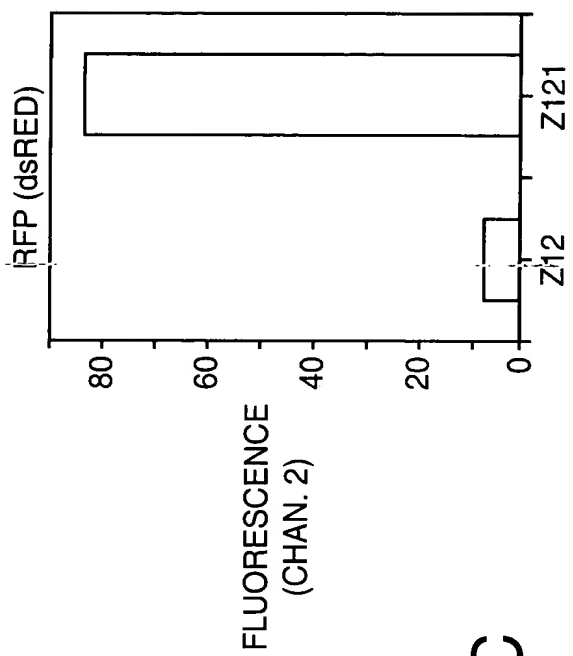
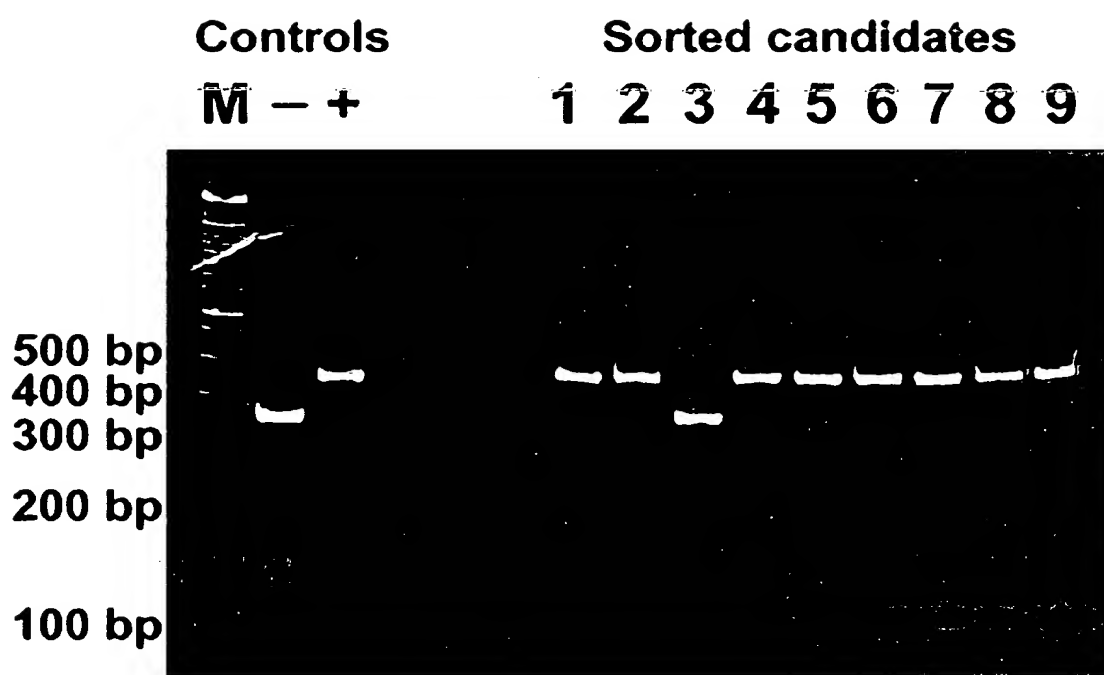


FIG. 4D



00990762.020402

**Fig. 5**

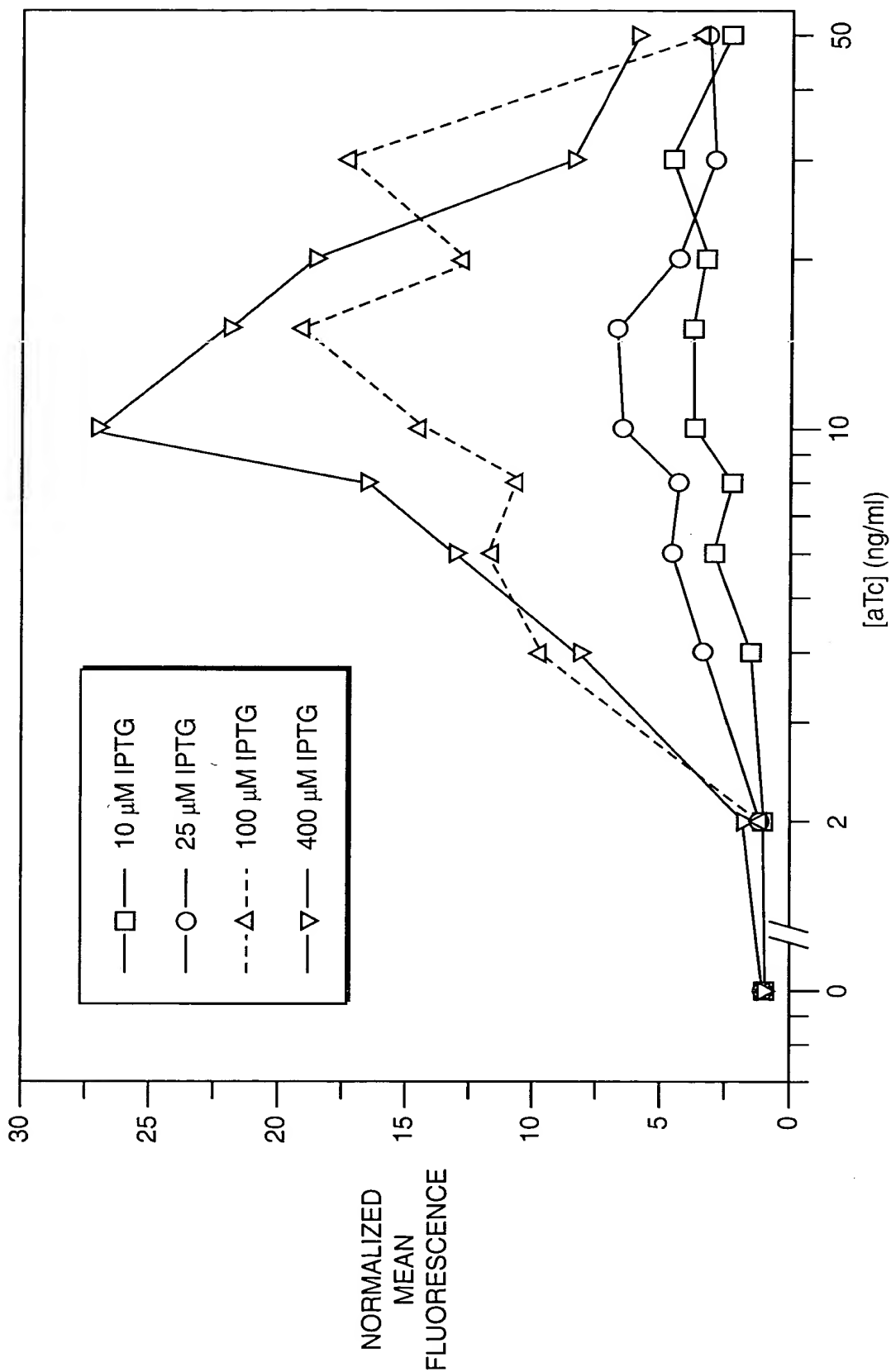
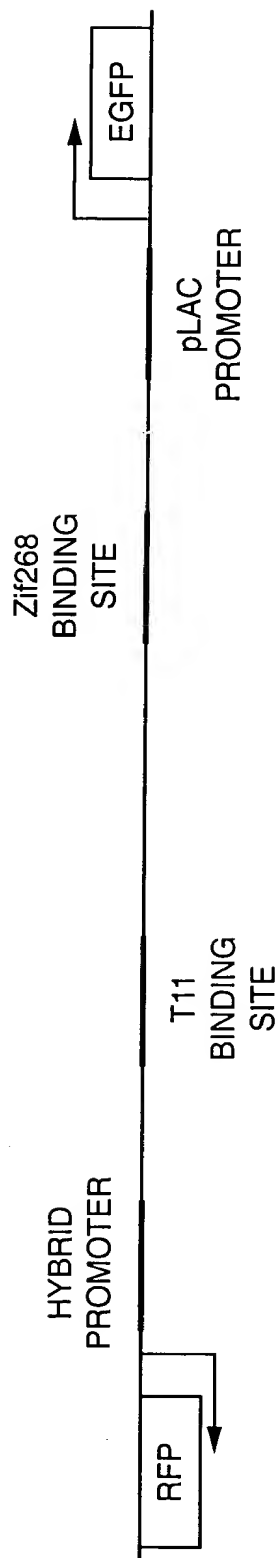


FIG. 6

20140229 222205540

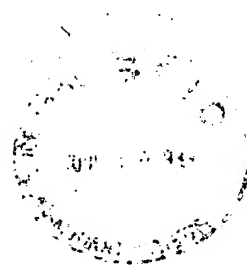
REPORTER CONSTRUCT #2

REPORTER CONSTRUCT #1

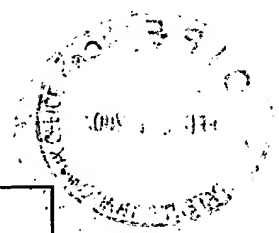


8/18

FIG. 7



9/18



TWO-COLOR
REPORTER +
Gal11P-T11
PROTEIN

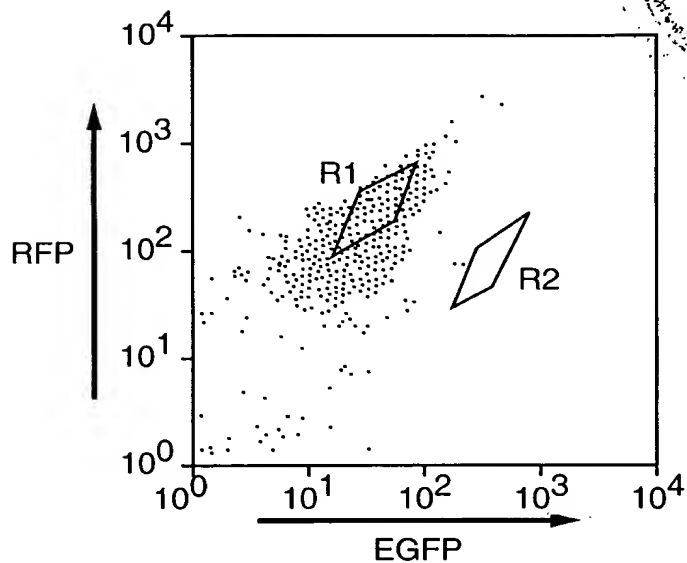


FIG. 8A

TWO-COLOR
REPORTER +
Gal11P-Zif268
PROTEIN

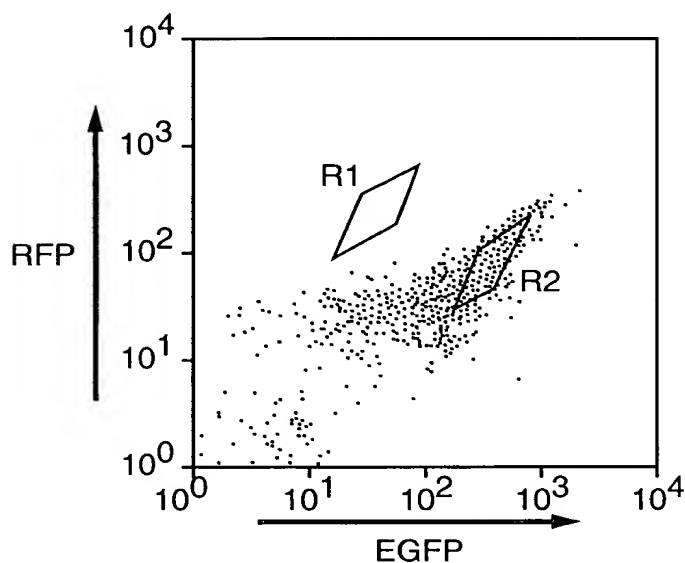


FIG. 8B

TWO-COLOR
REPORTER +
Gal11P-Z12
PROTEIN

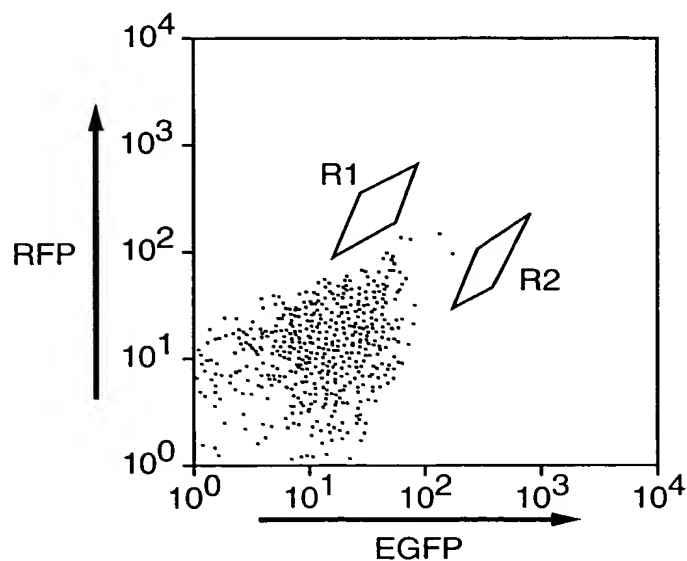


FIG. 8C

00000752.020402

10/18



P53^{ZF} *IN VITRO* SITE SELECTION CONSENSUS SEQUENCE:

CXGGACACGTX

(WHERE X = NO CLEAR PREFERENCE)

IN VIVO SITE SELECTION LIBRARY

CGGGANNNNNG

(WHERE N = A MIXTURE OF A, G, C, AND T)

SELECTED CLONES:

SEQUENCE	# OF CLONES
CGGGAC <u>ACGT</u> G	9
CGGGAC <u>ATGT</u> G	5
CGGGAC <u>ACGG</u> G	2

SEQUENCE	FOLD ACTIVATION
CGGGAC <u>ACGT</u> G	18.6 ± 2.7
CGGGAC <u>ATGT</u> G	12.0 ± 0.5
CGGGAC <u>ACGG</u> G	12.6 ± 1.9

FIG. 9

00000762-020402

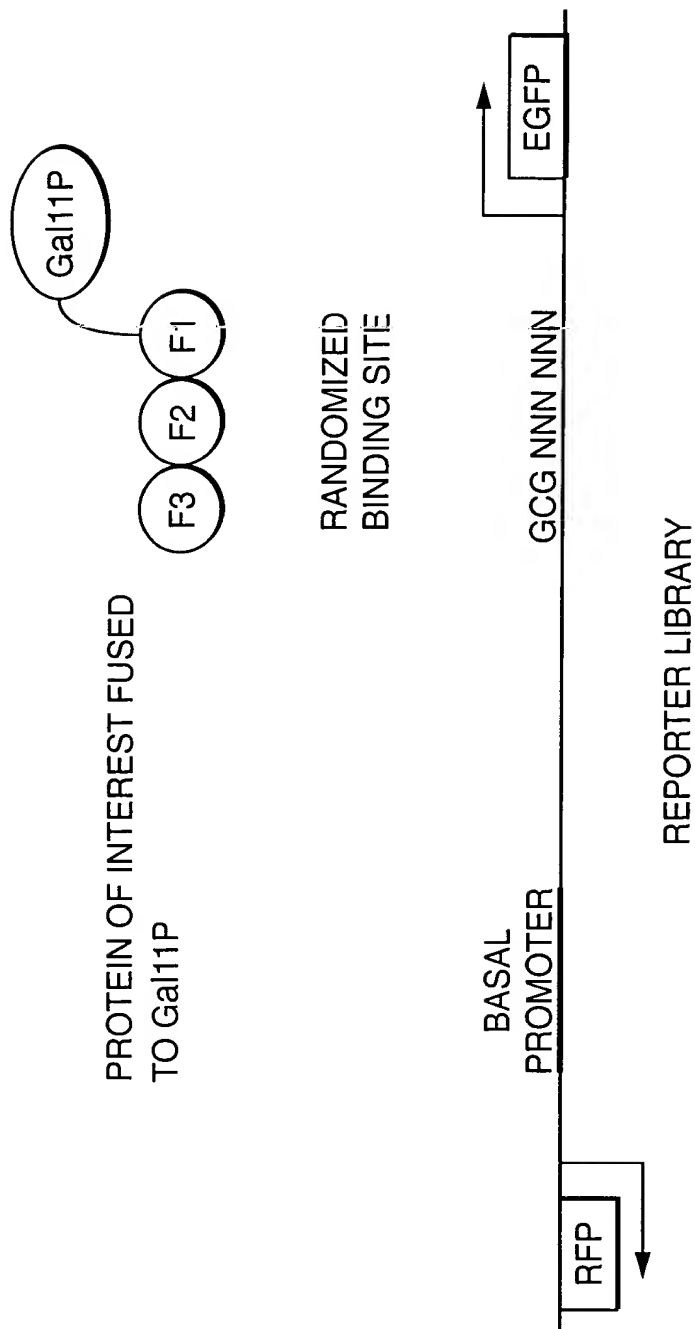


FIG. 10



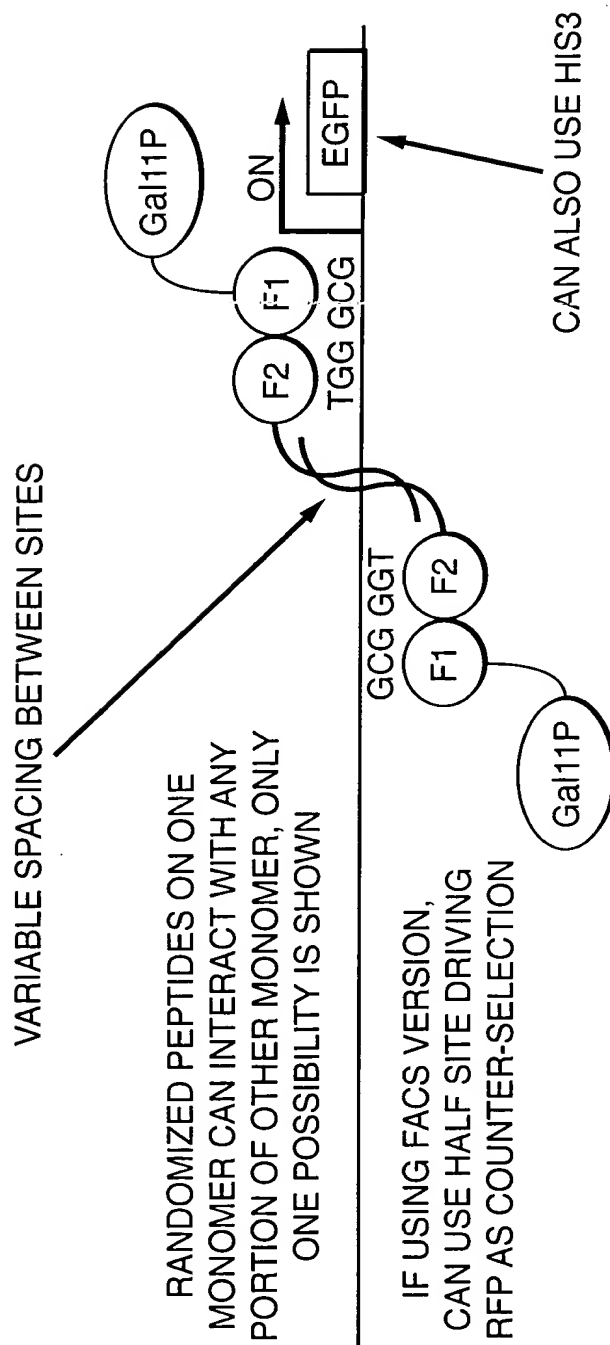


FIG. 11

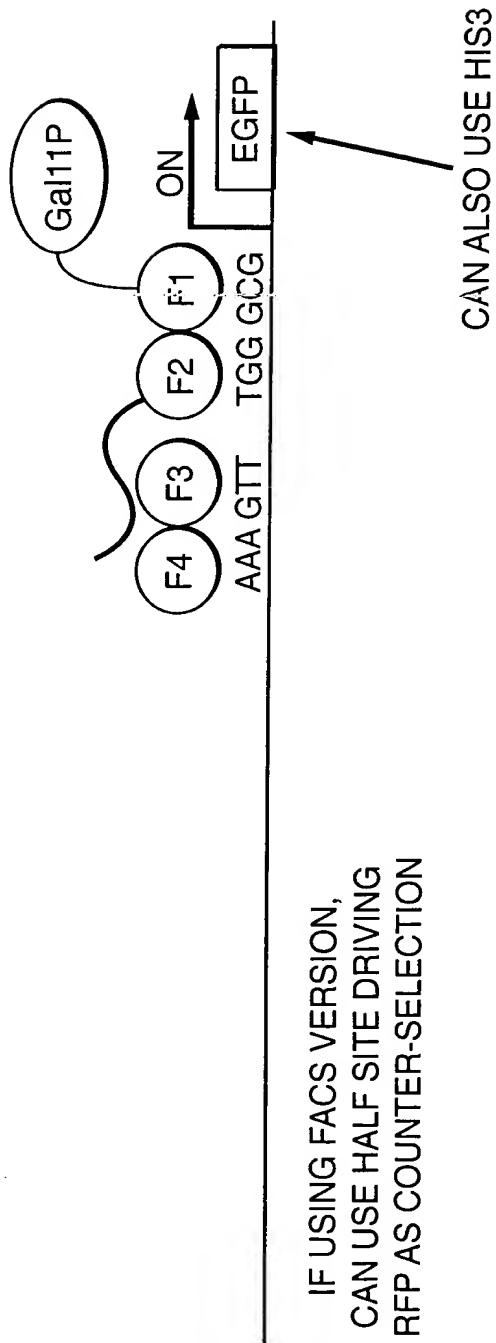
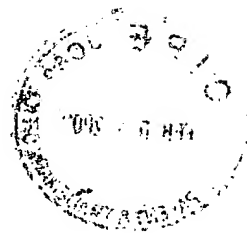
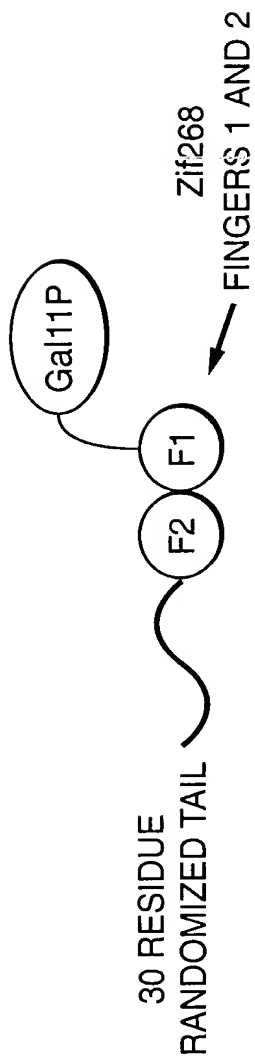


FIG. 12

204020-23205550



14/18

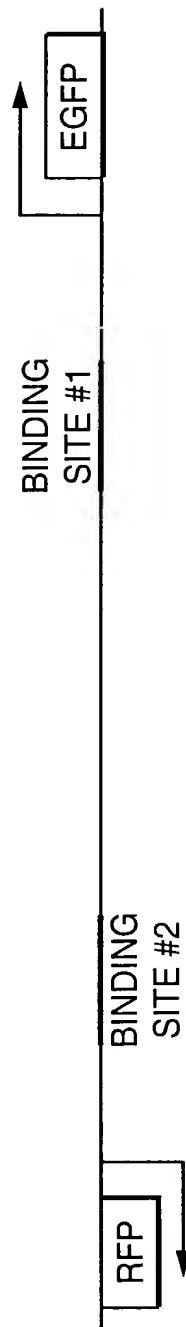


FIG. 13



204020-29206663

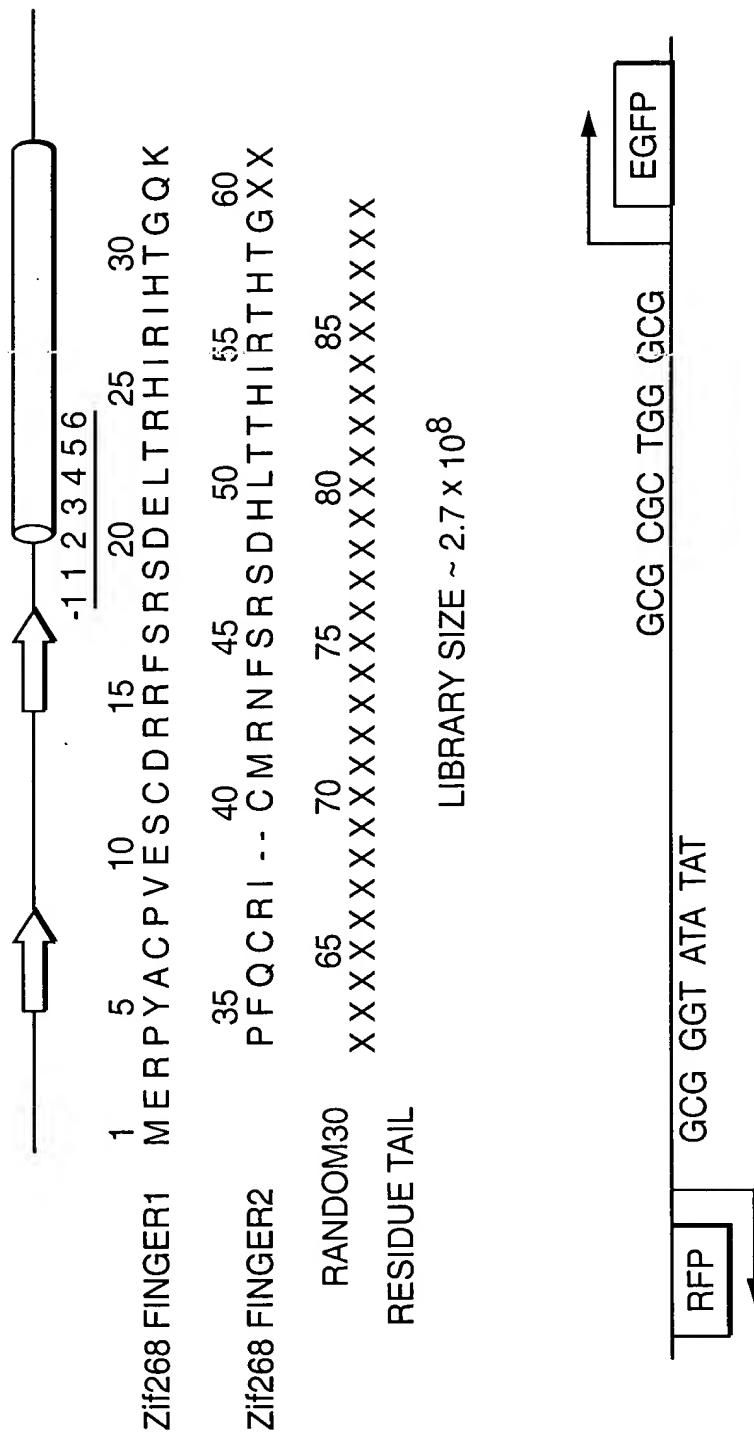


FIG. 14



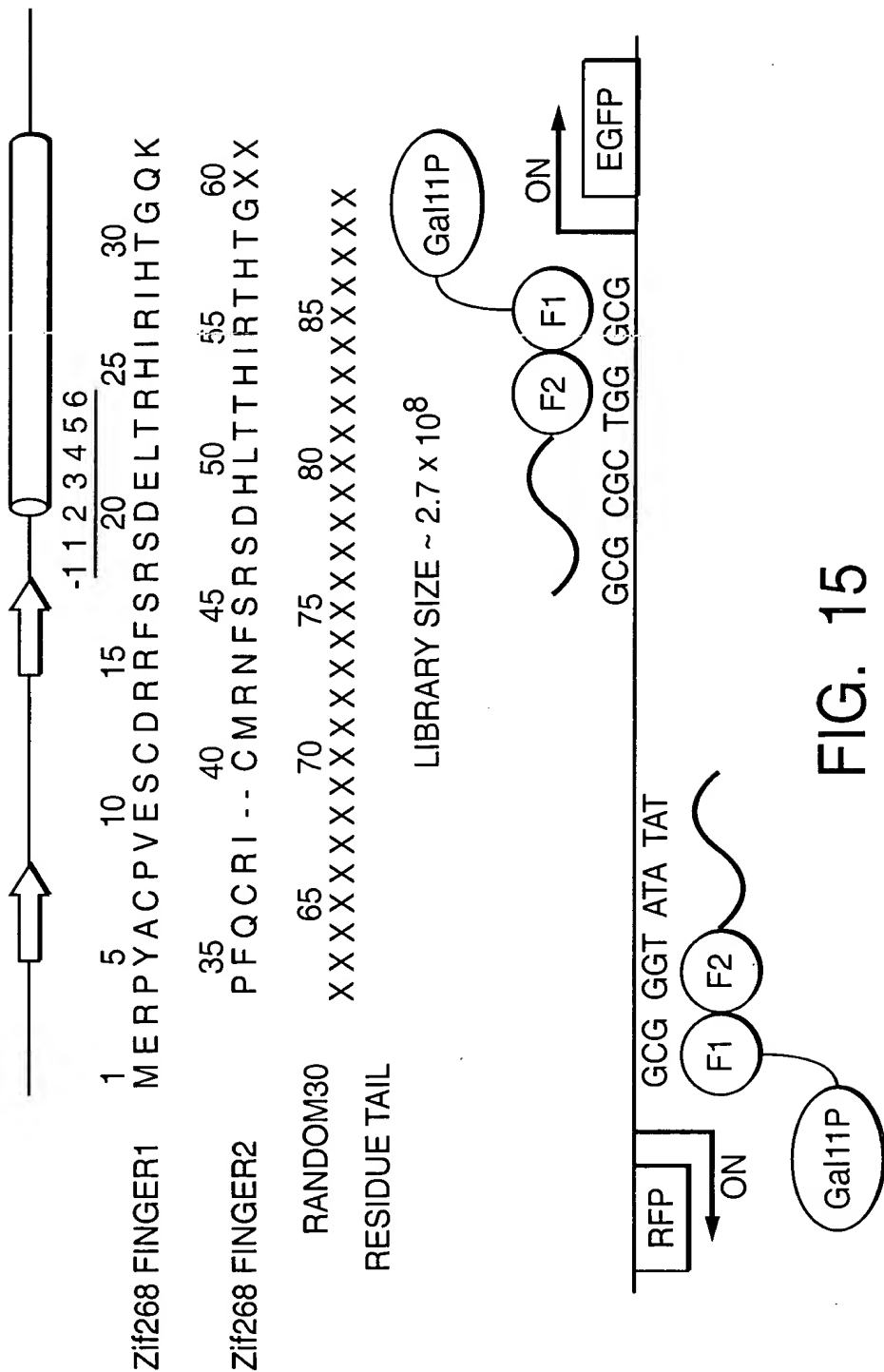


FIG. 15

204920" 29206660

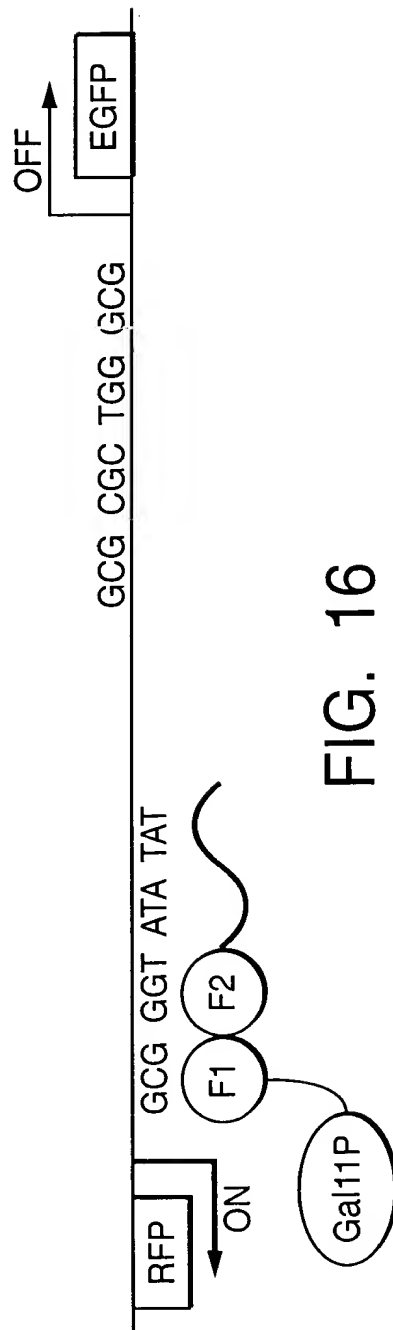
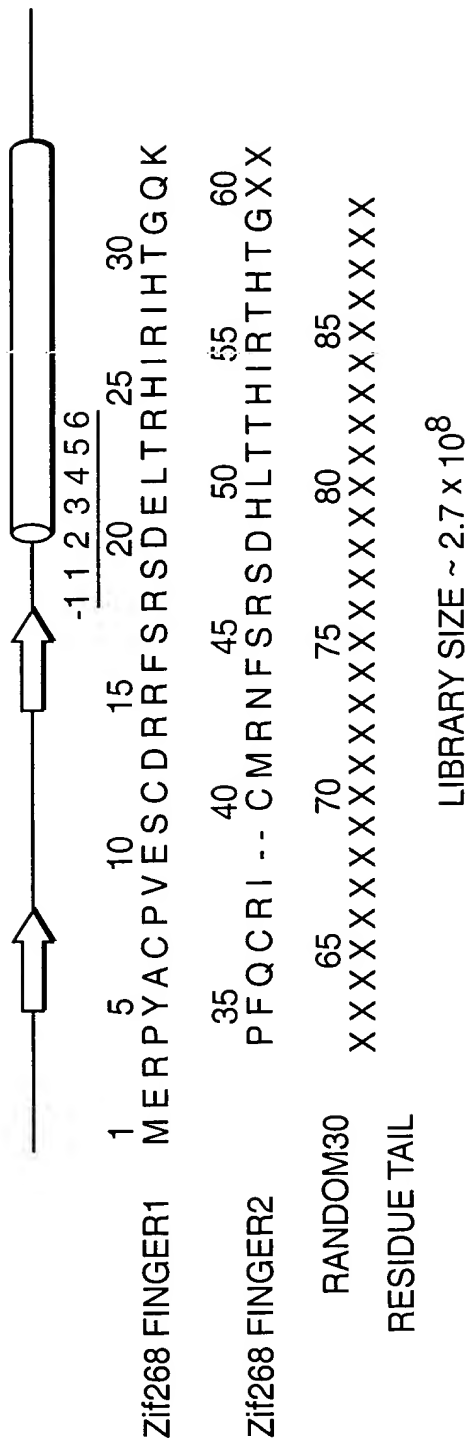


FIG. 16

204020" 29206660

18/18

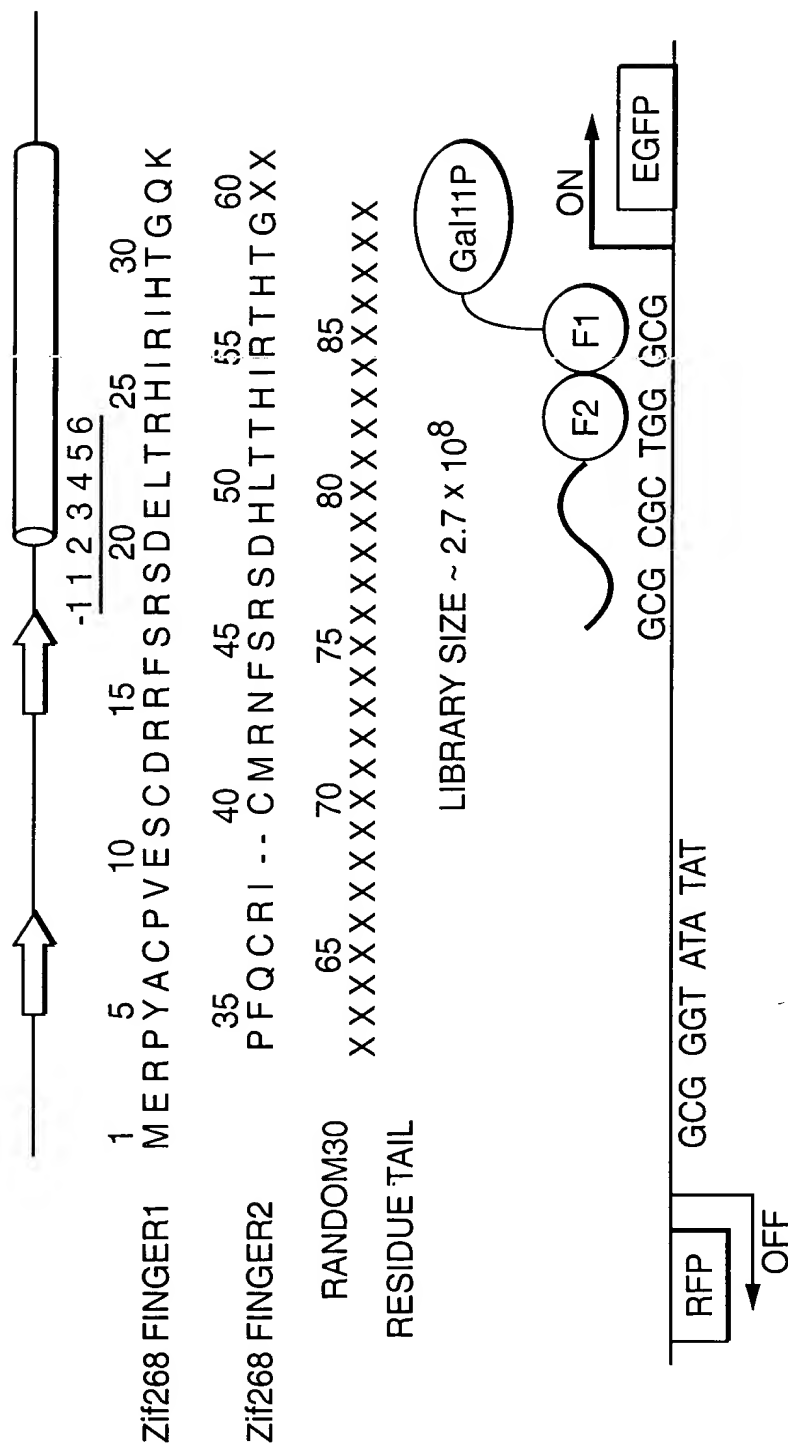


FIG. 17